

AIRCRAFT DISPATCHER

UNIT 8 – AIRSPACE MAPPING

INSTRUCTIONS TO THE INSTRUCTOR

A knowledgeable instructor is required for this unit. Contact your agency National Airspace Coordinator for a list of qualified instructors.

Ideally, the group configuration for this unit should be comprised of no more than four persons per group with no more than five groups. Ensure that groups are created with a mixture of experienced and inexperienced students. Poll the students prior to this unit to determine the individuals who have had map reading experience. This will allow groups to work more efficiently and effectively.

For each group, obtain an updated copy of the following (Specific ordering/downloading information is given in 08-02-ACDP-IR as well as in Appendix A.):

- AP/1B Book
- AP/1A Book
- AP/1B Chart—Western U.S.
- Aeronautical Chart User's Guide

For the sectional exercise, you will need one each of the following per group: Las Vegas, Klamath Falls, and San Francisco Sectional Aeronautical Charts. Only one sectional is required for the entire group for the other areas. See 08-02-ACDP-IR for specific ordering instructions.

Read the Interagency Airspace Coordination Guide, Chapter 3 for detailed terminology definitions.

Obtain a copy of the *Safe Flying In Special Use and Other Airspace* video.

NOTES

DETAILED LESSON PLAN

| | |
|-----------------|---|
| COURSE: | Aircraft Dispatcher |
| UNIT: | 8 – Airspace Mapping |
| SUGGESTED TIME: | 3 hours 30 minutes |
| TRAINING AIDS: | Overhead projector or computer with CD-ROM and LCD projector; projection screen; VCR; flip chart, markers, masking tape or tacks; <i>Safe Flying In Special Use and Other Airspace</i> video; AP/1B Book (5 each); AP/1A Book (5 each); AP/1B Chart–Western U.S. (5 each); Sectional Aeronautical Charts (5 each)—Las Vegas, San Francisco, and Klamath Falls; NOAA Aeronautical Chart User’s Guide (5 each) |
| OBJECTIVES: | <p>Given a simulated wildland fire incident, case study or exercise, students will be able to:</p> <ul style="list-style-type: none">• Manually deconflict airspace for a given area.• Identify reference materials needed to manually deconflict airspace for a given area.• Correctly identify Special-Use Areas (SUAs) and Military Training Routes (MTRs) given a sectional map.• Identify the scheduling office given a specific SUA or MTR.• Correctly determine the width of the route and the minimum/maximum altitudes flown on that route given a specific MTR. |

| OUTLINE | AIDS & CUES |
|---|--------------------------------|
| INTRODUCE UNIT 8. | 08-01-ACDP-EP |
| PRESENT THE UNIT OBJECTIVES. | 08-02-ACDP-EP 08-03-ACDP-EP |
| <p>I. TERMINOLOGY</p> <p>A. Scheduling Agency: Special-Use Airspace (SUA)</p> <ul style="list-style-type: none"> • Schedules the use of the airspace • Listed on the sectional <p>B. Using Agency: Special-Use Airspace</p> <p>The unit for which the SUA was originally constructed</p> <p>C. Controlling Agency: Special-Use Airspace</p> <ul style="list-style-type: none"> • Controls the Special-Use Airspace • Point of contact for deconfliction <p>D. Scheduling Activity: Military Training Routes</p> <ul style="list-style-type: none"> • Department of Defense (DOD) unit responsible for scheduling MTR • Point of contact for deconfliction | 08-04-ACDP-EP |
| INSTRUCT THE STUDENTS TO REFER TO THE SECTIONALS ON THEIR TABLES WHILE WATCHING THE SAFE FLYING IN SPECIAL USE AND OTHER AIRSPACE VIDEO. | |

| OUTLINE | AIDS & CUES |
|--|---|
| <p>II. SECTIONAL AERONAUTICAL CHART LEGEND</p> <p>REFER TO INTERAGENCY AIRSPACE COORDINATION GUIDE, CHAPTER 5 AND THE NOAA AERONAUTICAL CHART USER’S GUIDE AND TO SELECTED AERONAUTICAL CHART SYMBOLS, 08-01-ACDP-IR, ON PAGE 8.7 OF THEIR STUDENT WORKBOOK.</p> <p>A. Expiration Date</p> <p>B. Special-Use Airspace</p> <ul style="list-style-type: none"> • Prohibited , Restricted, Warning, and Alert Areas • Military Operations Area (MOA) <p>C. Special Conservation Areas</p> <p>Description and boundary marker</p> <p>D. National Security Areas</p> <p>E. Victor Routes</p> <p>F. MTR (IR/VR)</p> <p>G. Maximum Elevation Figure (MEF)</p> <ul style="list-style-type: none"> • Highest obstacle in a 30-mile square • Designated as blue numbers with superscript (e.g., 6⁴) • Add two zeros <p>– 6⁴ = 6,400’ MSL</p> | <p>08-05-ACDP-EP</p> <p>08-01-ACDP-IR SW page 8.7</p> |

| OUTLINE | AIDS & CUES |
|---|-------------------------------|
| <p>I. Multiple Route</p> <p>J. Surface, floor/ceiling</p> <ul style="list-style-type: none"> • Add two zeros (e.g., $300 + 00 = 30,000$) • Floor is either surface or above ground level (AGL) <p>The altitude from ground level up (e.g., 300 AGL means 300 feet above ground level)</p> • Ceiling is mean sea level (MSL) <p>The “true” altitude (e.g., Lake Tahoe is at 7,000 feet, an aircraft flying 500 feet above Lake Tahoe will be flying at 500 feet AGL or at 7,500 feet MSL)</p> <p>USING THE AP/1B CHART, REVIEW IR-346 WITH STUDENTS, IDENTIFYING SEGMENTS AND ALTITUDES FROM START TO FINISH.</p> | |
| <p>IV. AP/1B BOOK</p> <ul style="list-style-type: none"> • Published every 56 days <p>Downloadable</p> | 08-09-ACDP-EP |
| <p>REFER STUDENTS TO PAGE 8.11 OF THEIR STUDENT WORKBOOK FOR SPECIFIC ORDERING INSTRUCTIONS.</p> | 08-02-ACDP-IR SW page 8.11 |
| <p>USING THE AP/1B BOOK, REVIEW IR-346 WITH STUDENTS; IDENTIFY THE FOLLOWING INFORMATION:</p> <ul style="list-style-type: none"> • Contains all MTRs (IR/VR), SRs, ARs, and nuclear power plants | |

| OUTLINE | AIDS & CUES |
|---|---|
| <ul style="list-style-type: none"> Contains scheduling activity phone numbers, hours of operation, route description (altitudes), terrain following operations, route widths, and special operating procedures | 08-10-ACDP-EP |
| <p>CONDUCT THE MAPPING EXERCISE, 08-03-ACDP-IR, ON PAGES 8.13 THROUGH 8.28 IN THE STUDENT WORKBOOK.</p> | 08-03-ACDP-IR SW page 8.13 THRU SW page 8.28 |
| <p>REVIEW UNIT OBJECTIVES.</p> | 08-11-ACDP-EP 08-12-ACDP-EP |
| <p>ASK THE STUDENTS IF THERE ARE ANY QUESTIONS.</p> | 08-13-ACDP-EP |

AIRCRAFT DISPATCHER

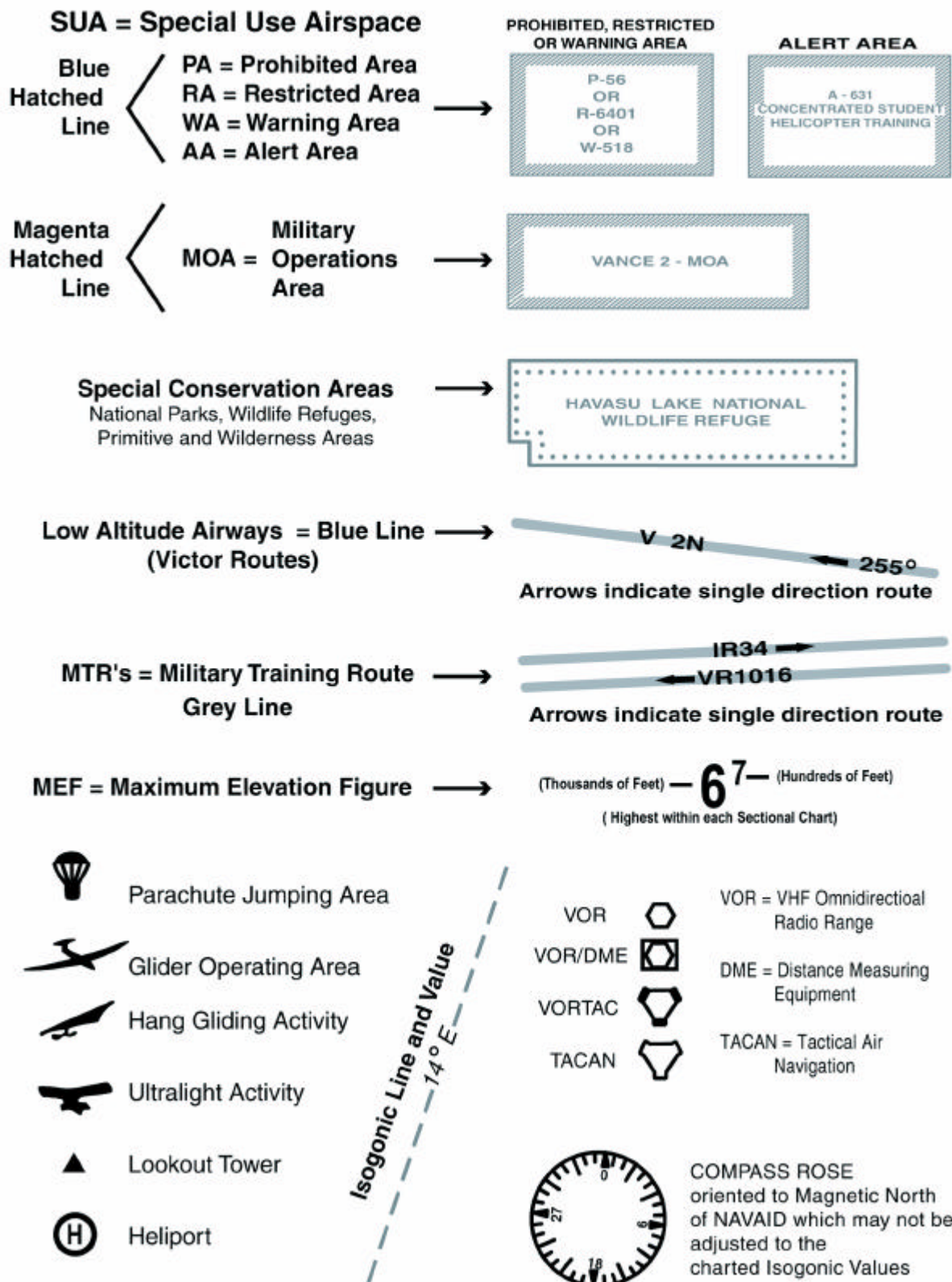
UNIT 8 – AIRSPACE MAPPING

INSTRUCTOR REFERENCES

| <u>Reference No.</u> | <u>Description</u> |
|----------------------|-------------------------------------|
| 08-01-ACDP-IR | Selected Aeronautical Chart Symbols |
| 08-02-ACDP-IR | Ordering Information |
| 08-03-ACDP-IR | Mapping Exercise |

NOTES

Selected Aeronautical Chart Symbols



NOTES

ORDERING INFORMATION

AP/1A and AP/1B Books:

1. Download the AP/1A and AP/1B Books from:
<https://164.214.2.62/products/digitalaero/index.cfm>

From the “Planning and Enroute Supplements” section, select either the “AP/1A” or “AP/1B” link.

2. Order from the National Aeronautical Charting Office (NACO):
 - Telephone (301) 436-8301 or (800) 638-8972
 - www.naco.faa.gov

From the “Catalogs/Ordering Info” link. Scroll down the page to the NIMA and NOAA Chart Catalog section. Select the “NIMA Worldwide Aeronautical Charts” link for pricing and ordering information.

AP/1B Charts:

1. Order from the National Aeronautical Charting Office (NACO):
 - Telephone (301) 436-8301 or (800) 638-8972
 - www.naco.faa.gov

From the “Catalogs/Ordering Info” link. Scroll down the page to the NIMA and NOAA Chart Catalog section. Select the “NIMA Worldwide Aeronautical Charts” link for pricing and ordering information.

2. If available, download the AP/1B Charts from:
<https://164.214.2.62/products/digitalaero/index.cfm>

From the Flight Information Planning section, select the “Enroute Charts” link.

Sectional Aeronautical Charts:

1. Order from the National Aeronautical Charting Office (NACO):

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

From the “Catalogs/Ordering Info” link, select the “VFR Charts” link; select the “Sectional Aeronautical Charts” link for pricing and ordering information.

2. To purchase locally, check the NACO website for local NACO agents in your area.

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

Select the “Agent Listings” link and complete the query.

Aeronautical Chart User’s Guide:

Order from the National Aeronautical Charting Office (NACO):

- Telephone (301) 436-8301 or (800) 638-8972
- www.naco.faa.gov

From the “Catalogs/Ordering Info” link, select the “Supplemental Charts/Pubs” link, then select the “Aeronautical Chart User’s Guide” link for pricing and ordering information.

MAPPING EXERCISE

THE INSTRUCTOR WILL WALK THROUGH THE SAMPLE EXERCISE WITH THE ENTIRE CLASS.

The purpose of this exercise is to complete the necessary paperwork associated with performing the job of ACDP. Ensure that you understand the process by asking questions of your coach and group members.

HAVE THE STUDENTS PLOT 37° 22'N BY 114°37'W ON THEIR LAS VEGAS SECTIONALS TO FIND OUT WHAT SUAS AND MTRS EXIST WITHIN A 10 NAUTICAL MILE RADIUS OF THE INCIDENT. THE LAST TWO EXERCISES ARE WITHIN A 5 NAUTICAL MILE RADIUS OF THE INCIDENT.

REFER STUDENTS TO THE AIRSPACE EXERCISE WORKSHEET ON PAGE 8-15 OF THE STUDENT WORKBOOK.

STUDENTS ARE TO BEGIN COMPLETING THE WORKSHEET BY ANSWERING THE FOLLOWING QUESTIONS IN THE SAMPLE EXERCISE (THESE WILL BE THE QUESTIONS THAT STUDENTS ARE TO REFER TO FOR ALL MAPPING EXERCISES):

SAMPLE EXERCISE: LAS VEGAS SECTIONAL

Use all reference material that is located on your table to answer the questions below. Transfer the information that you find to the Airspace Exercise Form. Do not answer the questions directly below. Use the worksheet.

Location:

A fire is located at 37° 22'N by 114° 37'W (5 miles West of Elgin in Delamar Mountains)

Questions:

On the forms provided by the instructor, answer the following questions:

Is there special use airspace here? If so, what is the SUA?
(Refer to sectional)

Who is the controlling agency?
(Refer to sectional)

Which MTRs/SRs are involved?
(Refer to sectional and AP/1B book and chart)

Which segments of the MTRs are involved?
(Refer to AP/1B book and chart)

What is the floor and ceiling of the MTR?
(Refer to AP/1B book and chart)

What are the widths of the segments?
(Refer to AP/1B book)

Who is the DOD scheduling activity for the MTRs?
(Refer to AP/1B book)

AIRSPACE EXERCISE WORKSHEET

Sample Exercise

Lat/Long: 37° 22'N X 114° 37'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-----------------------|------------|
| VR-209 | C:D | 2 NM either side of center line | Surface to 1,500' AGL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | Edwards AFB | 661-277-4110 | ??? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-------------------------|------------|
| IR-425 | H:I | 4 NM either side of center line | 500' AGL to 12,000' MSL | ??? |
| IR-425 | I:J | 4 NM either side of center line | 500' AGL to 11,500' MSL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Sample Exercise

Lat/Long: 37° 22'N X 114° 37'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | Pt. Mugu | 805-989-7545 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-------------------------|------------|
| IR-200 | AD:AE | 4 NM either side of center line | 500' AGL to 12,000' MSL | ??? |
| IR-200 | AE:AF | 4 NM either side of center line | 500' AGL to 11,500' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Los Angeles Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected d (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|--------------------------|-------------|-------------------------|------------|
| Desert MOA | N/A | N/A | 100' AGL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 1

Lat/Long: 39° 38'N x 116° 45'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Salt Lake Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-------------------------|------------|
| Austin 2 MOA | N/A | N/A | 200' AGL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---|-------------------------|------------|
| VR-1253 | F:G | 3 NM either side of center line | 200' AGL to 1,500' AGL | ??? |
| VR-208 | E:F | 10 NM miles either side of center line | 200' AGL to 12,000' MSL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 1, continued

Lat/Long: 39° 38'N x 116° 45'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | Mountain Home AFB | 208-828-2172 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-------------------------|------------|
| IR-280 | D:E | 5 NM either side of center line | 100' AGL to 14,000' MSL | ??? |
| IR-282 | D:E | 5 NM either side of center line | 100' AGL to 14,000' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|------|---|--------------------|--|---|
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| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2

Lat/Long: 38° 00'N x 116° 00'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Salt Lake Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-------------------------|------------|
| Reveille MOA | N/A | N/A | 100' AGL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|--------------------|------------|
| VR-1260 | A:B | 2 NM either side of center line | 200' to 1,500' AGL | ??? |
| VR-209 | A:B | 2 NM either side of center line | 200' to 1,500' AGL | ??? |
| VR-1259 | A:B | 5 NM either side of center | 200' to 1,500' AGL | ??? |
| VR-1253 | H:I | 3 NM either side of center | 200' to 1,500' AGL | ??? |
| VR-1253 | I:J | 3 NM either side of center | 200' to 1,500' AGL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2, continued

Lat/Long: 38° 00'N x 116° 00'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|---|---|
| Today | Nellis AFB | 702-652-2040 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-----------------------|------------|
| VR-1406 | I:J | 5 NM either side of center line | surface to 1,500' AGL | ??? |
| IR-286 | I:J | 5 NM either side of center line | surface to 9,500' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|---|---|
| Today | Edwards AFB | 661-277-4110 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-------------------------|------------|
| IR-235 | E:F | 7 NM either side of center line | surface to 10,500' MSL | ??? |
| IR-234 | A:B | 7 NM either side of center line | surface to 10,500' MSL | ??? |
| IR-425 | L:M | 4 NM either side of center line | 500' AGL to 11,500' MSL | ??? |
| IR-425 | M:N | 4 NM either side of center line | 500' AGL to 11,000' MSL | ??? |
| IR-425 | N:O | 4 NM either side of center line | 500' AGL to 11,000' MSL | ??? |
| IR-237 | D:E | 4 NM either side of center line | 500' AGL to 12,000' MSL | ??? |
| IR-238 | A:B | 4 NM either side of center line | 500' AGL to 12,000' MSL | ??? |

Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 2, continued

Lat/Long: 38° 00'N x 116° 00'W, Las Vegas Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | Pt. Mugu | 805-989-7545 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|-------------------------|------------|
| IR-200 | Y:Z | 4 NM either side of center line | 500' AGL to 11,000' MSL | ??? |
| IR-200 | Z:AA | 4 NM either side of center line | 500' AGL to 11,000' MSL | ??? |
| IR-200 | AA:BB | 4 NM either side of center line | 500' AGL to 11,500' MSL | ??? |
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Daily Contact V-244 Call ARTCC regarding victor route
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|------|---|--------------------|--|---|
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| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 3

Lat/Long: 43° 05'N x 119° 58'W, Klamath Falls Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Seattle Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|----------------------------|------------|
| Juniper South | N/A | N/A | 11,000' MSL to 17,999' MSL | ??? |
| Juniper Low | N/A | N/A | 300' AGL to 10,999' MSL | ??? |
| Juniper North | N/A | N/A | 11,000' MSL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

MOA excludes airspace 1,500' AGL and below at Alkali Lake State Airport

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | Air National Guard | 208-422-5348 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|--|-------------------------|------------|
| VR-316 | D:E | 5 NM right & 10 nm left of center line | 100' AGL to 10,000' MSL | ??? |
| VR-316 | E:F | 5 NM either side of center line | 100' AGL to 10,000' MSL | ??? |
| VR-319 | G:H | 5 NM either side of center line | 100' AGL to 10,000' MSL | ??? |
| VR-319 | H:I | 5 NM left & 10 nm right of center line | 100' AGL to 10,000' MSL | ??? |
| VR-1301 | E:F | 5 NM either side of center line | 100' AGL to 1,500' AGL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 3, continued

Lat/Long: 43° 05'N x 119° 58'W, Klamath Falls Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Whidby Island | 360-257-2877 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|------------------------|------------|
| IR-342 | D:E | 4 NM either side of center line | 500' AGL to 8,500' MSL | ??? |
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Daily Contact V-357 Call ARTCC regarding Victor Route
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|------|---|--------------------|--|---|
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| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 4

Lat/Long: 40° 17'N x 120° 04'W, Klamath Falls Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Oakland Center | follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------------------|------------|
| R-2530 | NA | NA | surface to 8,600' MSL | ??? |
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Daily Contact V-452 Call ARTCC regarding Victor Route
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|--|-------------------------|------------|
| IR-207 | O:P | 5 NM either side of the center line | 500' AGL to 13,000' MSL | ??? |
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 5

Lat/Long: 40° 15'N X 121° 03'W, Klamath Falls Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Oakland Center | follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|------------------------------|------------|
| Whitmore 3 MOA | NA | NA | 1,100' to 17,999' MSL | ??? |
| China MOA | NA | NA | 1,500' AGL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|--|-------------------------|------------|
| IR-207 | M:N | 5 nm either side of the center line | 500' AGL to 10,000' MSL | ??? |
| IR-207 | N:O | 5 nm either side of the center line | 500' AGL to 10,000' MSL | ??? |
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Daily Contact
Remarks:

Note lookout tower, L-13

AIRSPACE EXERCISE WORKSHEET

Exercise 6

Lat/Long: 39° 50'N X 118° 04'W, San Francisco Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Oakland Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|---------------------------|------------|
| Gabbs North MOA | N/A | N/A | 100' AGL to 17,999' MSL | ??? |
| R-4813 Carson Sink | N/A | N/A | surface to 17,999' MSL | ??? |
| R-4816N Dixie Valley | N/A | N/A | 1,500' AGL to 17,999' MSL | ??? |
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Daily Contact
Remarks:

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | NAS Lemoore | 559-998-1034 | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|---------------------------------|------------------------|------------|
| VR-1252 | F:G | 3 nm either side of center line | 200' AGL to 1,500' AGL | ??? |
| VR-1252 | G:H | 3 nm either side of center line | 200' AGL to 1,500' AGL | ??? |
| VR-1264 | F:G | 6 nm either side of center line | 200' AGL to 1,500' AGL | ??? |
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Daily Contact
Remarks:

After 5 NM out numerous other routes may need attention

AIRSPACE EXERCISE WORKSHEET

Exercise 7

Lat/Long: 37° 40'N x 121° 32'W, San Francisco Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|---------------------|--|---|
| Today | Oakland Center | Follow local policy | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------------------|------------|
| R-2531 Tracy | N/A | N/A | surface to 3,999' MSL | ??? |
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Daily Contact
Remarks:

Note: Livermore Labs are to the west (National Security Area)

Talk to Oakland Center about Victor-195

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|------|---|--------------------|--|---|
| | | | | |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
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Daily Contact
Remarks:

AIRSPACE EXERCISE WORKSHEET

Exercise 8

Lat/Long: 39° 32'N x 121° 03'W, San Francisco Sectional

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|-------|---|--------------------|--|---|
| Today | N/A | N/A | ???? | Student Name |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
| N/A | N/A | N/A | | |
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Daily Contact
Remarks:

Note: 8 NM to China MOA and VR-202

| Date | Scheduling Activity (MTR) Controlling Agency (MOA) | Commercial Phone # | Contact Made to: (Scheduler or Controller's name) | Contact made by: (Dispatcher's name) |
|------|---|--------------------|--|---|
| | | | | |

| Airspace Identification (SUA or MTR) | Segment Affected (MTR) | Width (MTR) | Altitudes | Hot or Not |
|---|------------------------|-------------|-----------|------------|
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Daily Contact
Remarks: